MONTANA WHEA ES 2003

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WINTER WHEAT

Rampart acreage soared, moving it into the first position for 2003, with 461,600 acres seeded. Rampart, a hard red winter wheat, was developed by the Montana Agricultural Experiment Station and released in 1996. It is an awned, red-chaffed, solid-stemmed variety. Kernels are hard red, with a mid-sized germ. Rampart is resistant to the wheat stem sawfly and to prevalent races of stem rust. It is susceptible to stripe rust, leaf rust, dwarf smut, and the Russian wheat aphid. Rampart has excellent milling and baking qualities.

Neeley became the second leading variety of winter wheat seeded in Montana after fifteen consecutive years on top. There were 312,800 acres seeded for the 2003 crop. However, total acres actually increased 8 percent from last year's 289,200, as winter wheat seeding are up 400,000 acres statewide from the previous year. Neeley was developed by the Agricultural Research Service, United States Department of Agriculture (USDA) in cooperation with the Idaho Agricultural Experiment Station and released in 1980. It is a semi-dwarf variety, with intermediate maturity.

Tiber remained in third place with 181,100 acres seeded. Last year 162,000 acres were seeded. Tiber is a standard-height, hard red winter wheat variety released by the Montana Agricultural Experiment Station in 1987. Tiber is a bearded, brown-chaffed, stiff-strawed variety. It has a high yield potential, good shatter resistance, and good winter hardiness (similar to Redwin). Tiber's resistance to lodging and shattering is equal to Redwin, but shorter in straw height than Winalta. It also has moderate resistance to the leaf spot complex, but is susceptible to dwarf smut, stem rust, and very susceptible to stripe rust.

Rocky remained the number four variety in Montana, with 143,300 acres seeded for the 2003 crop. Rocky accounted for 7.7 percent of the state's seeded acreage, down 3.4 points from last year. Released in 1978 by Nickerson American Plant Breeders, Rocky is a pure line selection from Centurk. Recommended for the same areas as Centurk, but higher yielding under most conditions. Rocky is resistant to soil born mosaic.

The top four varieties, Rampart, Neeley, Tiber, and Rocky, accounted for 59.4 percent of the winter wheat acreage seeded for harvest in 2003. The top four varieties seeded for 2002 accounted for 61.9 percent of the total acreage for the state.

SPRING WHEAT

McNeal was the leading spring wheat variety seeded for the sixth consecutive year, accounting for over 36 percent of the acreage, or almost 1.05 million acres planted. That is a decrease of 28 percent in McNeal acres from 2002, while other spring wheat acreage is down 23 percent this year. McNeal was developed by the Montana Agricultural Experiment Station and released in March 1995. It is a semi-dwarf, hard red spring wheat with red chaff and tan straw. Under Montana growing conditions, McNeal is moderately resistant to lodging and to prevalent races of stem rust and wheat streak mosaic virus. It is somewhat susceptible to leaf rust and stripe rust, and is also fairly vulnerable to Russian wheat aphid and the wheat stem sawfly.

Reeder remained in second place with 503,600 acres seeded this year. Last year there were 340,200 acres planted. That is an increase of 48 percent in Reeder acreage over the previous year. Reeder was developed from a cross of a relative of Stoa and germplasm from a program in Brazil. Produced by the North Dakota Agricultural Experiment Station and released in 1999, Reeder is resistant to upper mid-west stem and leaf rust.

Ernest stayed in third place this year with 324,600 acres seeded, compared to 428,400 acres last year, a decrease of 24 percent. Ernest was developed by the North Dakota Agricultural Experiment Station and released in 1995. It is an awned, white chaffed, standard height, solid stemmed, hard red spring wheat. It is resistant to wheat stem sawfly, leaf rust, and stem rust.

Amidon took fourth place for 2003 with 115,600 acres seeded statewide. Amidon is bearded, medium tall and lodging is poor compared to Fortuna. It is partially sawfly resistant (30% less solid than Fortuna). A medium-late variety; same maturity as Lew, but slightly later than Pondera. There is some tolerance to dryland root rot and moderately susceptible to septoria. It has shown good tolerance to wheat streak, does well in dry areas and has high protein like Fortuna.

The top four varieties, McNeal, Reeder, Ernest, and Amidon, accounted for 68.7 percent of the spring wheat acreage seeded in 2003. The top four varieties for 2001 accounted for 67.1 percent of the seeded acreage.

This report was made possible by funds provided by the Montana Wheat & Barley Committee. This survey was conducted by the Montana Agricultural Statistics Service.

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State Statistician

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Statistical Assistant

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Kyle continued to be the leading durum variety for the seventh consecutive year. There were 245,200 acres seeded in the state, accounting for 37.7 percent of the total acres. Kyle was developed by the Agriculture Canada Research Station, Swift Current, Saskatchewan and released in 1984. Kyle is resistant to leaf and stem rust. It is moderately susceptible to tan spot and Septoria leaf spot and susceptible to loose smut.

Mountrail remained the second most popular variety of durum wheat in the state for the third year in a row. There were 222,200 acres seeded or 34.2 percent of the state's durum wheat. Mountrail was developed from the cross of D8479 and Renville by the North Dakota Agricultural Experiment Station, and was released in 1999. The variety has a high semolina extract with strong gluten. It is resistant to both leaf and stem rusts.

Ben held the third place ranking again this year with 31,100 acres seeded or 4.8 percent of the state total for durum wheat. Ben was developed in North Dakota and released in 1996. This durum wheat is medium height, medium maturity, large kernel size with high protein. Ben is resistant to leaf rust, stem rust, and leaf spot complex. It is moderately susceptible to stripe rust.

AC Avonlea became the fourth most popular variety this year with 30,300 acres seeded or 4.7 percent of the state's durum wheat. AC Avonlea durum wheat, a new high protein, high yield variety, was registered in 1997. AC Avonlea was developed at the Semiarid Prairie Agricultural Research Centre (SPARC) of Agriculture and Agri-Food Canada, Swift Current. It is a medium height variety. AC Avonlea has slightly better resistance to the leaf disease tan spot than Kyle, and much better resistance than AC Melita.

The top four varieties, Kyle, Mountrail, Ben, and AC Avonlea, account for 81.4 percent of total acres seeded to durum wheat. This compares with the 77.2 percent reported in 2002 for the top four varieties.

Durum Wheat: Percent of Total Seeded Acreage 1997-2003 & Seeded Acreage 2002-2003 1/

Variety	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1997	1998	1999	2000	2001	2002 2/	2003	2002 2/	2003
Kyle	38.4	44.5	55.3	52.5	45.3	40.2	37.7	237.1	245.2
Mountrail	--	--	--	0.9	9.6	26.9	34.2	159.0	222.2
Ben	--	0.2	4.1	7.8	8.0	5.6	4.8	33.3	31.1
AC Avonlea	--	--	--	1.4	3.9	3.4	4.7	20.3	30.3
Lebsock	--	--	--	--	--	0.3	3.3	2.0	21.3
Monroe	14.1	7.4	4.8	2.9	3.3	1.2	3.3	7.2	21.3
Ward	1.9	1.9	4.4	2.3	3.1	2.8	2.3	16.7	15.1
Renville	8.4	6.0	4.8	5.2	6.6	2.5	2.1	15.0	13.7
Utopia	--	--	1.4	5.8	6.6	4.4	1.5	26.2	9.5
Medora	8.7	6.6	3.3	3.5	0.4	0.6	1.0	3.8	6.7
Voss	1.0	4.2	--	--	0.3	0.3	0.9	2.0	6.1
Plaza	--	--	--	--	--	0.8	0.8	5.0	5.0
Kamut	--	--	--	--	--	--	0.6	--	3.9
Westbred Laker	--	--	--	--	--	0.2	0.4	0.9	2.4
Stockholm	--	0.4	0.4	--	0.5	0.3	0.3	1.6	2.2
Maier	--	--	--	--	--	--	0.3	--	2.2
Crosby	5.1	0.7	0.9	0.4	0.3	0.3	0.3	2.0	2.2
Durex	--	--	--	--	--	0.2	0.3	1.0	1.9
Other & Unknown	22.4	28.1	20.6	17.3	12.1	10.0	1.2	56.9	7.7
All Varieties	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**590.0**	**650.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Revised.

Durum Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2003 1/

Variety	North Central		Northeast		Central		Southeast		Other Districts		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Kyle	16.9	27.2	219.5	39.2	8.3	75.0	--	--	0.5	50.0	245.2	37.7
Mountrail	--	--	219.0	39.1	1.3	11.9	1.9	11.8	--	--	222.2	34.2
Ben	9.1	14.7	15.1	2.7	--	--	6.9	42.9	--	--	31.1	4.8
AC Avonlea	8.5	13.7	21.8	3.9	--	--	--	--	--	--	30.3	4.7
Lebsock	--	--	21.3	3.8	--	--	--	--	--	--	21.3	3.3
Monroe	--	--	21.3	3.8	--	--	--	--	--	--	21.3	3.3
Ward	--	--	15.1	2.7	--	--	--	--	--	--	15.1	2.3
Renville	1.2	1.9	8.4	1.5	--	--	4.1	25.6	--	--	13.7	2.1
Utopia	9.0	14.5	--	--	0.5	4.7	--	--	--	--	9.5	1.5
Medora	--	--	6.7	1.2	--	--	--	--	--	--	6.7	1.0
Voss	6.1	9.9	--	--	--	--	--	--	--	--	6.1	0.9
Plaza	--	--	5.0	0.9	--	--	--	--	--	--	5.0	0.8
Kamut	3.0	4.8	--	--	0.9	8.4	--	--	--	--	3.9	0.6
Westbred Laker	2.4	3.9	--	--	--	--	--	--	--	--	2.4	0.4
Stockholm	2.2	3.6	--	--	--	--	--	--	--	--	2.2	0.3
Maier	--	--	--	--	--	--	2.2	13.9	--	--	2.2	0.3
Crosby	--	--	2.2	0.4	--	--	--	--	--	--	2.2	0.3
Durex	1.9	3.1	--	--	--	--	--	--	--	--	1.9	0.3
Other & Unknown	1.7	2.7	4.6	0.8	--	--	0.9	5.6	0.5	50.0	7.7	1.2
All Varieties	**62.0**	**100.0**	**560.0**	**100.0**	**11.0**	**100.0**	**16.0**	**100.0**	**1.0**	**100.0**	**650.0**	**100.0**

1/ Columns may not sum to all varieties due to rounding.

Durum Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2002 Revised 1/

Variety	North Central		Northeast		Central		Southeast		Other Districts		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Kyle	16.7	31.5	219.5	43.3	0.5	3.9	0.4	3.3	--	--	237.1	40.2
Mountrail	0.8	1.5	156.7	30.9	1.5	12.5	--	--	--	--	159.0	26.9
Ben	2.0	3.7	27.9	5.5	--	--	3.4	28.5	--	--	33.3	5.6
Utopia	23.5	44.3	--	--	2.4	19.7	--	--	0.3	37.4	26.2	4.4
AC Avonlea	3.7	7.0	16.2	3.2	0.4	3.3	--	--	--	--	20.3	3.4
Ward	--	--	16.7	3.3	--	--	--	--	--	--	16.7	2.8
Renville	0.5	1.0	9.6	1.9	--	--	4.9	40.8	--	--	15.0	2.5
AC Morse	--	--	12.2	2.4	--	--	--	--	--	--	12.2	2.1
Munich	--	--	9.6	1.9	--	--	--	--	--	--	9.6	1.6
Vic	--	--	8.1	1.6	--	--	--	--	--	--	8.1	1.4
Sceptre	0.3	0.6	7.6	1.5	--	--	--	--	--	--	7.9	1.3
Monroe	--	--	1.0	0.2	6.2	51.7	--	--	--	--	7.2	1.2
Plaza	2.0	3.8	3.0	0.6	--	--	--	--	--	--	5.0	0.8
Medora	--	--	0.5	0.1	--	--	3.3	27.3	--	--	3.8	0.6
Crosby	--	--	2.0	0.4	--	--	--	--	--	--	2.0	0.3
Lebsock	--	--	2.0	0.4	--	--	--	--	--	--	2.0	0.3
Voss	--	--	2.0	0.4	--	--	--	--	--	--	2.0	0.3
Stockholm	1.6	3.0	--	--	--	--	--	--	--	--	1.6	0.3
Other & Unknown	1.9	3.6	12.4	2.4	1.0	8.9	5.3	0.1	0.4	62.6	21.0	3.6
All Varieties	**53.0**	**100.0**	**507.0**	**100.0**	**12.0**	**100.0**	**17.3**	**100.0**	**0.7**	**100.0**	**590.0**	**100.0**

1/ Columns may not sum to all varieties due to rounding.

Winter Wheat: Percent of Total Seeded Acreage 1997-2003 & Seeded Acreage 2002-2003 1/

Variety /2	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1997	1998	1999	2000	2001	2002 3/	2003	2002 3/	2003
Rampart	--	1.8	9.0	13.8	15.9	19.6	25.0	284.2	461.6
Neeley	24.3	20.0	20.8	19.2	22.6	19.9	16.9	289.2	312.8
Tiber	13.4	14.2	17.3	11.3	10.9	11.2	9.8	162.0	181.1
Rocky	19.1	13.4	8.2	6.9	8.9	11.1	7.7	161.5	143.3
Morgan	--	2.2	7.0	8.3	10.0	7.3	7.2	106.3	133.0
Vanguard	0.8	10.3	7.0	9.4	6.7	9.1	6.6	131.8	121.3
Redwin	10.6	6.1	4.7	6.4	4.0	5.0	3.3	72.2	60.8
Big Horn	2.3	3.5	3.6	3.3	3.0	1.7	1.8	24.8	33.2
Nufrontier	--	--	--	--	--	0.3	1.5	4.1	27.1
Promontory	--	0.7	--	--	0.4	0.2	1.4	2.2	25.0
Winalta	1.9	2.9	1.7	1.1	2.1	0.9	1.3	12.5	23.3
Roughrider	2.3	1.3	1.1	1.1	0.8	0.5	1.1	7.3	19.8
Erhardt	--	--	0.1	0.7	--	0.4	1.1	5.4	19.6
Quantum 542	1.2	1.0	1.4	2.2	2.0	1.0	1.0	15.1	18.0
Nuwest **	0.1	--	0.5	0.4	1.7	0.9	0.9	13.3	17.3
Centurk	4.1	0.9	0.9	0.5	0.4	0.4	0.8	5.5	14.9
Warrior	0.6	0.7	1.2	0.4	--	0.6	0.7	8.8	12.9
Norstar	1.8	1.7	1.5	0.8	0.6	0.6	0.6	8.8	11.2
Tomahawk	0.1	0.2	0.6	0.9	1.2	0.9	0.6	12.4	10.8
Prowers	--	--	--	--	--	0.7	0.6	9.8	10.8
Goldenspike	--	--	--	--	0.1	0.1	0.5	1.3	9.6
Kestrel	4.0	1.3	1.4	0.9	0.6	0.6	0.5	8.0	9.5
Other & Unknown	13.4	17.8	12.0	12.4	8.1	7.1	9.4	103.5	173.1
All Varieties	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**1,450.0**	**1,850.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. 3/ Revised. **Hard white wheat variety.

Winter Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2003 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Rampart	--	--	411.0	41.1	0.6	0.5	34.2	9.0	1.6	5.2	11.0	5.5	3.2	2.6	461.6	25.0
Neeley	1.1	16.0	74.0	7.4	11.7	10.6	156.9	41.3	21.4	71.3	42.4	21.2	5.3	4.3	312.8	16.9
Tiber	--	--	52.0	5.2	25.0	22.7	47.5	12.5	0.7	2.4	25.8	12.9	30.1	24.5	181.1	9.8
Rocky	--	--	123.0	12.3	1.9	1.7	18.2	4.8	--	--	--	--	0.2	0.2	143.3	7.7
Morgan	--	--	103.0	10.3	8.7	7.9	11.8	3.1	3.0	9.9	1.2	0.6	5.3	4.3	133.0	7.2
Vanguard	--	--	98.0	9.8	--	--	20.5	5.4	--	--	2.8	1.4	--	--	121.3	6.6
Redwin	--	--	8.0	0.8	15.0	13.6	0.4	0.1	--	--	31.0	15.5	6.4	5.2	60.8	3.3
Big Horn	--	--	9.0	0.9	--	--	23.2	6.1	--	--	0.6	0.3	0.4	0.3	33.2	1.8
Nufrontier	--	--	18.0	1.8	--	--	0.8	0.2	--	--	1.2	0.6	7.1	5.8	27.1	1.5
Promontory	--	--	--	--	--	--	10.3	2.7	0.2	0.5	14.4	7.2	0.1	0.1	25.0	1.4
Winalta	--	--	2.0	0.2	10.2	9.3	--	--	--	--	--	--	11.1	9.0	23.3	1.3
Roughrider	--	--	--	--	6.6	6.0	0.8	0.2	--	--	--	--	12.4	10.1	19.8	1.1
Erhardt	--	--	--	--	1.5	1.4	1.5	0.4	--	--	--	--	16.6	13.5	19.6	1.1
Quantum 542	--	--	12.0	1.2	--	--	4.2	1.1	--	--	1.8	0.9	--	--	18.0	1.0
Nuwest **	--	--	12.0	1.2	--	--	5.3	1.4	--	--	--	--	--	--	17.3	0.9
Centurk	--	--	13.0	1.3	--	--	1.9	0.5	--	--	--	--	--	--	14.9	0.8
Warrior	--	--	--	--	--	--	--	--	--	--	7.4	3.7	5.5	4.5	12.9	0.7
Norstar	--	--	6.0	0.6	3.0	2.7	1.5	0.4	--	--	--	--	0.7	0.6	11.2	0.6
Tomahawk	0.4	5.3	--	--	--	--	0.4	0.1	--	--	10.0	5.0	--	--	10.8	0.6
Prowers	--	--	1.0	0.1	--	--	--	--	--	--	9.8	4.9	--	--	10.8	0.6
Goldenspike	--	--	--	--	--	--	0.8	0.2	--	--	8.8	4.4	--	--	9.6	0.5
Kestrel	--	--	2.0	0.2	1.8	1.6	5.7	1.5	--	--	--	--	--	--	9.5	0.5
Other & Unknown	5.5	78.6	56.0	5.6	24.0	21.8	34.1	9.0	3.1	10.3	31.8	15.9	18.6	15.1	173.1	9.4
All Varieties	**7.0**	**100.0**	**1,000.0**	**100.0**	**110.0**	**100.0**	**380.0**	**100.0**	**30.0**	**100.0**	**200.0**	**100.0**	**123.0**	**100.0**	**1,850.0**	**100.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. **Hard white wheat variety.

Winter Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2002 Revised 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
Neeley	0.9	14.6	80.9	10.5	1.2	2.4	179.1	54.6	13.6	46.8	13.1	7.1	0.4	0.5	289.2	19.9
Rampart	0.1	2.1	257.2	33.4	--	--	17.7	5.4	1.8	6.1	6.5	3.5	0.9	1.1	284.2	19.6
Tiber	--	--	49.3	6.4	14.3	29.1	23.3	7.1	--	--	55.5	30.0	19.6	23.6	162.0	11.2
Rocky	--	--	129.4	16.8	1.2	2.5	28.5	8.7	--	--	2.4	1.3	--	--	161.5	11.1
Vanguard	--	--	108.6	14.1	--	--	21.0	6.4	--	--	2.2	1.2	--	--	131.8	9.1
Morgan	--	--	70.8	9.2	3.0	6.1	14.4	4.4	7.4	25.6	3.5	1.9	7.2	8.7	106.3	7.3
Redwin	--	--	12.3	1.6	10.3	21.1	--	--	1.2	4.3	39.8	21.5	8.6	10.4	72.2	5.0
McGuire	--	--	2.3	0.3	--	--	1.3	0.4	2.9	9.9	23.3	12.6	1.2	1.4	31.0	2.1
Big Horn	--	--	12.3	1.6	--	--	12.5	3.8	--	--	--	--	--	--	24.8	1.7
Quantum 542	--	--	4.6	0.6	0.1	0.2	4.9	1.5	--	--	4.8	2.6	0.7	0.8	15.1	1.0
Nuwest**	--	--	2.3	0.3	--	--	4.6	1.4	--	--	--	--	6.4	7.7	13.3	0.9
Winalta	--	--	1.5	0.2	4.4	8.9	--	--	--	--	--	--	6.6	8.0	12.5	0.9
Tomahawk	1.4	23.5	0.8	0.1	--	--	--	--	--	--	10.2	5.5	--	--	12.4	0.9
Prowers	--	--	--	--	--	--	--	--	--	--	9.8	5.3	--	--	9.8	0.7
Norstar	--	--	6.2	0.8	2.6	5.3	--	--	--	--	--	--	--	--	8.8	0.6
Warrior	--	--	--	--	--	--	--	--	--	--	2.0	1.1	6.8	8.2	8.8	0.6
Kestrel	--	--	2.3	0.3	3.7	7.6	2.0	0.6	--	--	--	--	--	--	8.0	0.6
Roughrider	--	--	--	--	2.2	4.4	--	--	--	--	--	--	5.1	6.2	7.3	0.5
Judith	--	--	6.2	0.8	--	--	--	--	--	--	0.7	0.4	--	--	6.9	0.5
Rose	--	--	--	--	--	--	--	--	--	--	--	--	6.1	7.4	6.1	0.4
Centurk	--	--	3.9	0.5	--	--	1.6	0.5	--	--	--	--	--	--	5.5	0.4
Erhardt	--	--	--	--	0.9	1.9	1.3	0.4	--	--	--	--	3.2	3.9	5.4	0.4
Other & Unknown	3.6	59.8	19.1	2.5	5.1	10.5	15.8	4.8	2.1	7.3	11.2	6.0	10.2	12.1	67.1	4.6
All Varieties	**6.0**	**100.0**	**770.0**	**100.0**	**49.0**	**100.0**	**328.0**	**100.0**	**29.0**	**100.0**	**185.0**	**100.0**	**83.0**	**100.0**	**1,450.0**	**100.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. **Hard white wheat variety.

Spring Wheat: Percent of Total Seeded Acreage 1997-2003 & Seeded Acreage 2002-2003 1/

Variety 2/	Percent of Total Seeded Acreage							Seeded Acres (000)	
	1997	1998	1999	2000	2001	2002 3/	2003	2002 3/	2003
McNeal	16.2	26.5	40.4	48.8	49.2	38.8	36.1	1,454.4	1,047.9
Reeder	--	--	--	0.1	3.4	9.1	17.4	340.2	503.6
Ernest	3.2	7.6	9.4	10.7	10.1	11.4	11.2	428.4	324.6
Amidon	24.7	17.2	14.2	10.9	7.8	6.2	4.0	231.5	115.6
Fortuna	6.3	6.5	5.0	4.9	5.1	7.8	3.9	293.8	114.2
Conan	--	--	--	1.0	3.1	5.0	3.8	189.2	109.3
Scholar	--	--	--	--	0.5	1.9	3.0	71.2	87.2
Lew	2.5	1.8	1.3	0.9	1.2	1.8	2.9	68.3	82.9
Westbred Rambo	10.0	7.9	6.7	5.3	3.2	3.8	2.8	140.8	80.9
Parshall	--	--	--	--	0.5	1.4	1.6	53.0	46.0
Westbred 926	2.7	1.8	2.5	2.2	1.8	1.5	1.2	55.7	34.7
Hank	--	--	--	--	--	0.3	1.2	9.4	34.7
Westbred 936	1.0	1.6	1.7	3.5	1.5	1.1	1.1	40.2	31.8
Grandin	8.9	6.2	3.1	3.3	1.3	1.3	1.1	46.9	30.7
Gunner	--	--	--	--	--	0.4	0.8	15.6	22.8
Len	3.1	1.8	1.2	1.6	1.2	0.8	0.5	28.3	14.4
Stoa	--	--	--	--	--	0.3	0.4	11.2	12.3
Kulm	0.4	1.9	0.8	1.1	0.8	0.3	0.4	10.4	11.6
Hi-Line	3.1	3.0	1.7	1.1	1.4	0.6	0.4	22.4	11.1
Abbey	--	--	--	--	--	--	0.4	--	10.4
Newana	2.4	2.0	1.2	0.9	0.6	0.3	0.3	11.9	9.0
Butte 86	--	--	--	--	--	0.5	0.2	17.2	5.9
Other & Unknown	15.5	14.2	10.8	3.7	7.3	5.4	5.5	210.0	158.4
All Varieties	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**3,750.0**	**2,900.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted. 3/ Revised.

Spring Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2003 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
McNeal	5.5	21.8	316.5	27.4	490.8	40.9	122.4	51.0	17.7	44.3	51.8	57.5	43.2	28.8	1,047.9	36.1
Reeder	--	0.1	13.9	1.2	448.8	37.4	16.3	6.8	4.0	10.0	5.3	5.9	15.3	10.2	503.6	17.4
Ernest	--	--	247.2	21.4	42.0	3.5	27.1	11.3	--	--	0.8	0.9	7.5	5.0	324.6	11.2
Amidon	--	--	35.8	3.1	66.0	5.5	1.2	0.5	--	--	6.9	7.7	5.7	3.8	115.6	4.0
Fortuna	0.3	1.0	97.0	8.4	7.2	0.6	5.3	2.2	--	--	4.4	4.9	--	--	114.2	3.9
Conan	--	--	105.1	9.1	2.4	0.2	0.7	0.3	--	--	--	--	1.1	0.7	109.3	3.8
Scholar	--	--	67.0	5.8	12.0	1.0	6.2	2.6	--	--	--	--	2.0	1.3	87.2	3.0
Lew	--	--	72.8	6.3	6.0	0.5	--	--	--	--	3.8	4.2	0.3	0.2	82.9	2.9
Westbred Rambo	--	--	65.8	5.7	3.6	0.3	7.4	3.1	0.2	0.5	3.9	4.3	--	--	80.9	2.8
Parshall	--	--	--	--	27.6	2.3	--	--	--	--	1.4	1.5	17.0	11.3	46.0	1.6
Westbred 926	7.1	28.2	3.5	0.3	--	--	16.6	6.9	1.2	2.9	4.9	5.4	1.4	0.9	34.7	1.2
Hank	4.1	16.3	25.4	2.2	--	--	4.3	1.8	0.2	0.5	0.7	0.8	--	--	34.7	1.2
Westbred 936	2.6	10.2	9.2	0.8	--	--	7.7	3.2	12.3	30.7	--	--	--	--	31.8	1.1
Grandin	--	--	--	--	13.2	1.1	--	--	--	--	1.4	1.6	16.1	10.7	30.7	1.1
Gunner	--	--	--	--	22.8	1.9	--	--	--	--	--	--	--	--	22.8	0.8
Len	--	--	--	--	13.2	1.1	--	--	--	--	--	--	1.2	0.8	14.4	0.5
Stoa	--	--	--	--	9.6	0.8	--	--	--	--	--	--	2.7	1.8	12.3	0.4
Kulm	--	--	--	--	8.4	0.7	--	--	--	--	--	--	3.2	2.1	11.6	0.4
Hi-Line	--	--	4.6	0.4	2.4	0.2	1.2	0.5	2.9	7.3	--	--	--	--	11.1	0.4
Abbey	--	--	10.4	0.9	--	--	--	--	--	--	--	--	--	--	10.4	0.4
Newana	--	--	2.3	0.2	2.4	0.2	1.7	0.7	0.6	1.6	0.6	0.7	1.4	0.9	9.0	0.3
Butte 86	--	--	2.3	0.2	1.2	0.1	--	--	--	--	--	--	2.4	1.6	5.9	0.2
Other & Unknown	5.4	21.6	76.2	6.6	20.4	1.7	21.9	9.1	0.9	2.2	4.1	4.6	29.5	19.7	158.4	5.5
All Varieties	**25.0**	**100.0**	**1,155.0**	**100.0**	**1,200.0**	**100.0**	**240.0**	**100.0**	**40.0**	**100.0**	**90.0**	**100.0**	**150.0**	**100.0**	**2,900.0**	**100.0**

1/ Columns may not sum to all varieties due to rounding. 2/ Hard red variety unless otherwise noted.

Spring Wheat: Seeded Acreage and Percent of Total Seeded by Districts - 2002 Revised 1/

Variety 2/	Northwest		North Central		Northeast		Central		Southwest		South Central		Southeast		State Total	
	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%	(000)	%
McNeal	7.1	23.6	639.7	34.1	597.9	46.1	116.0	43.3	10.7	28.2	40.0	45.5	43.0	28.1	1,454.4	38.8
Ernest	--	--	363.9	19.4	46.7	3.6	9.1	3.4	--	--	1.7	1.9	7.0	4.6	428.4	11.4
Reeder	--	--	3.8	0.2	302.2	23.3	18.2	6.8	--	--	4.1	4.7	11.9	7.8	340.2	9.1
Fortuna	--	--	258.9	13.8	13.0	1.0	8.3	3.1	--	--	13.6	15.5	--	--	293.8	7.8
Amidon	--	--	101.3	5.4	115.4	8.9	1.1	0.4	--	--	5.6	6.4	8.1	5.3	231.5	6.2
Conan	--	--	167.0	8.9	2.6	0.2	19.6	7.3	--	--	--	--	--	--	189.2	5.0
Westbred Rambo	--	--	129.4	6.9	5.2	0.4	5.6	2.1	0.6	1.5	--	--	--	--	140.8	3.8
Scholar	--	--	48.8	2.6	13.0	1.0	9.1	3.4	--	--	--	--	0.3	0.2	71.2	1.9
Lew	0.3	1.0	58.2	3.1	1.3	0.1	6.4	2.4	--	--	1.8	2.1	0.3	0.2	68.3	1.8
Westbred 926	5.3	17.6	5.6	0.3	--	--	32.2	12.0	6.4	16.9	4.8	5.4	1.4	0.9	55.7	1.5
Parshall	--	--	--	--	44.1	3.4	--	--	--	--	--	--	8.9	5.8	53.0	1.4
Grandin	--	--	1.9	0.1	25.9	2.0	--	--	--	--	--	--	19.1	12.5	46.9	1.3
Westbred 936	10.1	33.7	5.6	0.3	--	--	4.0	1.5	13.6	35.9	1.2	1.4	5.7	3.7	40.2	1.1
Len	--	--	--	--	27.2	2.1	--	--	--	--	--	--	1.1	0.7	28.3	0.8
Hi-Line	--	--	15.0	0.8	3.9	0.3	0.3	0.1	1.2	3.1	--	--	2.0	1.3	22.4	0.6
Butte 86	--	--	--	--	1.3	0.1	--	--	--	--	--	--	15.9	10.4	17.2	0.5
Gunner	--	--	--	--	15.6	1.2	--	--	--	--	--	--	--	--	15.6	0.4
Olaf	--	--	--	--	11.7	0.9	--	--	--	--	--	--	2.6	1.7	14.3	0.4
BR 2306	--	--	1.9	0.1	--	--	10.2	3.8	--	--	--	--	--	--	12.1	0.3
Newana	0.2	0.5	3.8	0.2	2.6	0.2	0.5	0.2	--	--	4.5	5.1	0.3	0.2	11.9	0.3
Keene	--	--	--	--	6.5	0.5	--	--	--	--	--	--	4.7	3.1	11.2	0.3
Kulm	--	--	--	--	10.4	0.8	--	--	--	--	--	--	--	--	10.4	0.3
Other & Unknown	7.0	23.6	71.2	3.8	50.5	3.9	27.4	10.2	5.5	14.4	10.7	12.0	20.7	13.5	193.0	5.1
All Varieties	**30.0**	**100.0**	**1,876.0**	**100.0**	**1,297.0**	**100.0**	**268.0**	**100.0**	**38.0**	**100.0**	**88.0**	**100.0**	**153.0**	**100.0**	**3,750.0**	**100.0**

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